

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)**

Applicant(s): Balmin et al.

Docket No.

ARC920030042US1

Serial No.

10/698,622

Filing Date

10/31/2003

Examiner

Unknown

Group Art Unit

Unknown

Invention: X PATH CONTAINMENT FOR INDEX AND MATERIALIZED VIEW MATCHING

I hereby certify that this **Information Disclosure Statement**

(Identify type of correspondence)

is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

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**Frederick W. Gibb, III**

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A handwritten signature in dark ink, appearing to read "Frederick W. Gibb, III".

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re patent application of

Balmin et al.

Serial No.: 10/698,622

Group Art Unit: Unknown

Filing Date: October 31, 2003

Examiner: Unknown

For: X PATH CONTAINMENT FOR INDEX SELECTION AND MATERIALIZED  
VIEW MATCHING

Assistant Commissioner of Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

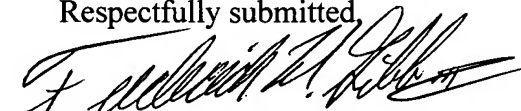
Sir:

Under the provisions of 37 CFR §1.97 through §1.99 and pursuant to applicants' duty of disclosure under 37 CFR §1.56, applicants respectfully bring the following documents, listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application. Copies of the listed documents are provided herewith for the convenience of the Examiner. This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicant is aware.

It is respectfully requested that the listed references be considered by the Examiner and formally made of record in this application.

Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 09-0441.

Respectfully submitted

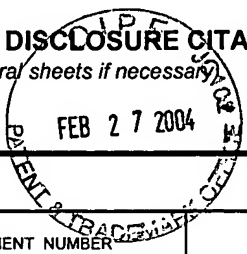
  
Frederick W. Gibb, III  
Registration No. 37,629

Date: 2/24/04

McGinn & Gibb, PLLC  
2568-A Riva Road, Suite 304  
Annapolis, Maryland 21401  
(410) 573-1545  
Customer No. 29154

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



ATTY DOCKET NO.  
ARC920030042US1

SERIAL NO.  
Not Yet Assigned

FILING  
Concurrently Herewith

GROUP  
Unknown

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,182,029	01/30/01	Friedman			
	6,339,776	01/15/02	Dayani-Fard et al.			
	6,401,241	06/04/02	Taylor			
	6,466,940	10/15/02	Mills			
	US2002/0170070	11/14/02	Rising, III et al.			
	6,538,673	03/25/03	Maslov			
	6,549,922	04/15/03	Srivastava et al.			
	US2003/0088558	05/08/03	Zaharioudakis et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	EP 1280053	01/29/03	Europe				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Balmin et al., "XPath Query Containment for Index and Materialized View Matching," Nov. 2002, pp. 1-12.
		Miklau et al., "Containment and Equivalence for an XPath Fragment", ACM PODS, June, 2002, pp. 65-76.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. <b>ARC920030042US1</b>	SERIAL NO. <b>Not Yet Assigned</b>
	FILING <b>Concurrently Herewith</b>	GROUP <b>Unknown</b>

<b>U.S. PATENT DOCUMENTS</b>
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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

<b>FOREIGN PATENT DOCUMENTS</b>
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
7								

<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
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			Braga et al., "A Tool for Extracting XML Association Rules", Proc. of the 14th IEEE Confer. on Tools with Artificial Intelligence, 2002, pp. 57-64.

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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